

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046171.D
 Acq On : 08 Dec 2021 13:36
 Operator : SY/MD
 Sample : M4887-03MERE
 Misc : 5.34g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:19:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

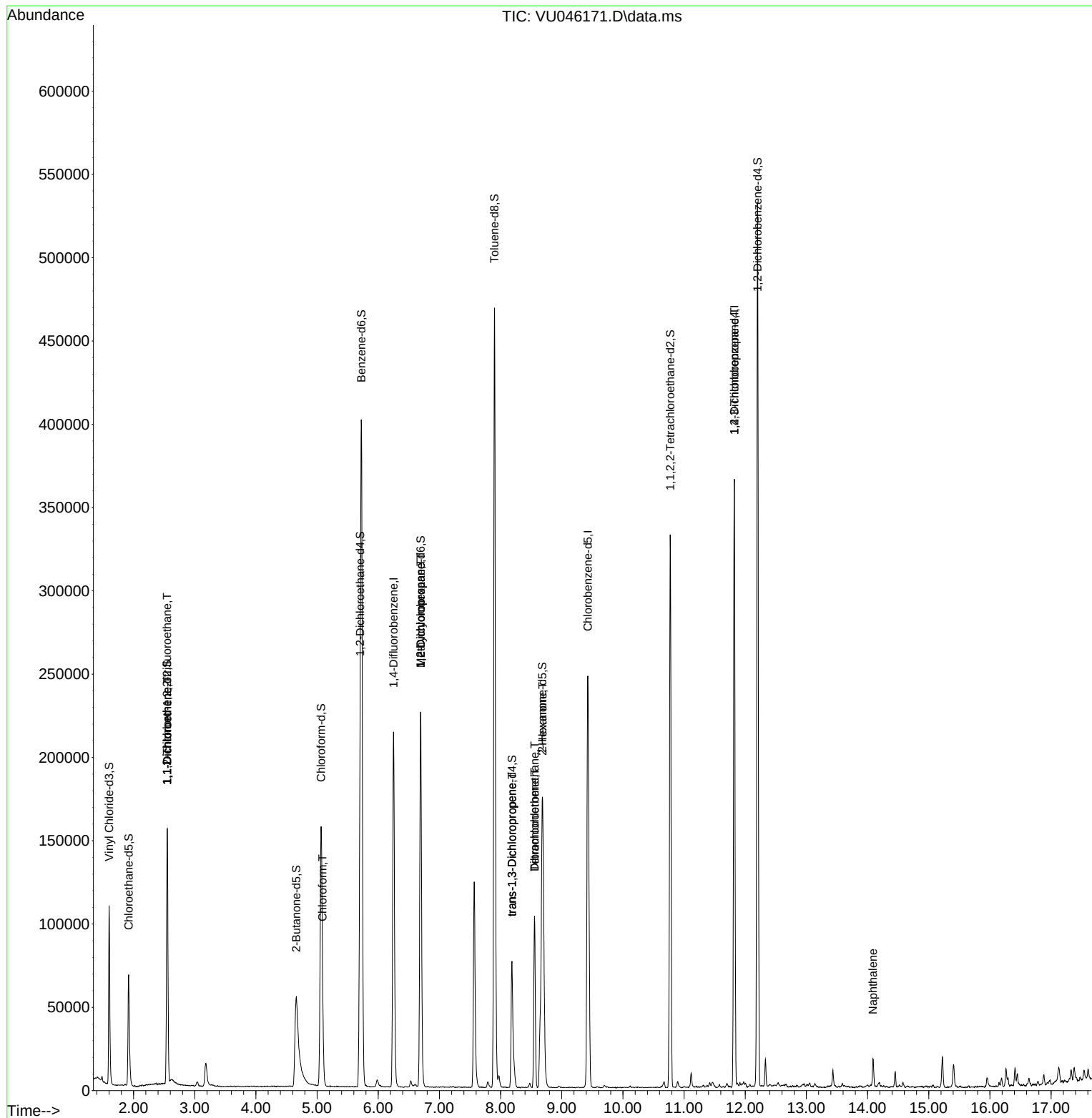
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	193085	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	193012	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	101010	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	86918	54.647	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.300%			
7) Chloroethane-d5	1.919	69	63537	52.028	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.060%			
11) 1,1-Dichloroethene-d2	2.549	63	90749	31.783	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.560%			
21) 2-Butanone-d5	4.661	46	151289	119.653	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.650%			
24) Chloroform-d	5.067	84	147259	55.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.880%			
26) 1,2-Dichloroethane-d4	5.703	65	115168	64.609	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 129.220%#			
32) Benzene-d6	5.726	84	367405	66.414	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 132.820%#			
36) 1,2-Dichloropropane-d6	6.694	67	112838	65.815	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 131.620%#			
41) Toluene-d8	7.899	98	342135	67.925	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 135.860%#			
43) trans-1,3-Dichloroprop...	8.185	79	58322	70.468	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 140.940%#			
47) 2-Hexanone-d5	8.684	63	119573	147.094	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery = 147.090%#			
56) 1,1,2,2-Tetrachloroeth...	10.774	84	169271	65.102	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery = 130.200%#			
66) 1,2-Dichlorobenzene-d4	12.201	152	140260	72.103	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 144.200%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	782	0.557	ug/L #	21
12) 1,1-Dichloroethene	2.552	96	652	0.488	ug/L #	1
25) Chloroform	5.089	83	25485	8.929	ug/L	99
35) Methylcyclohexane	6.694	83	27273	11.429	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	12215	7.982	ug/L #	86
44) trans-1,3-Dichloropropene	8.185	75	2503	1.095	ug/L	99
46) Tetrachloroethene	8.555	164	24548	21.706	ug/L	97
48) 2-Hexanone	8.687	43	14942	7.431	ug/L #	56
49) Dibromochloromethane	8.555	129	23377	14.500	ug/L #	10
60) 1,2,3-Trichloropropane	11.822	75	11216	5.065	ug/L #	65
71) Naphthalene	14.089	128	13784	1.962	ug/L	99

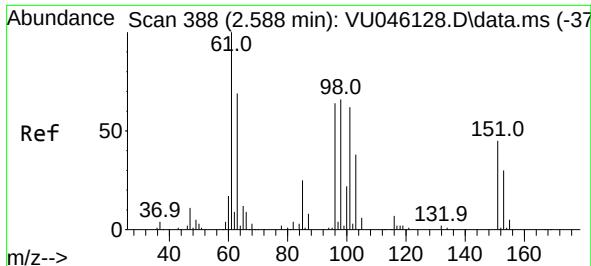
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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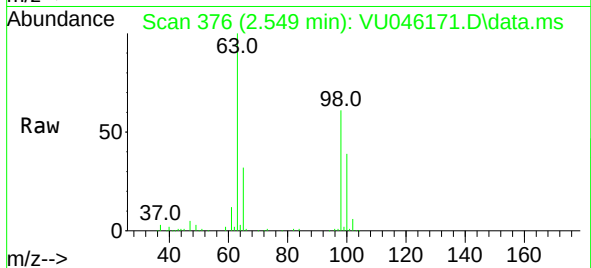
Quant Time: Dec 09 03:19:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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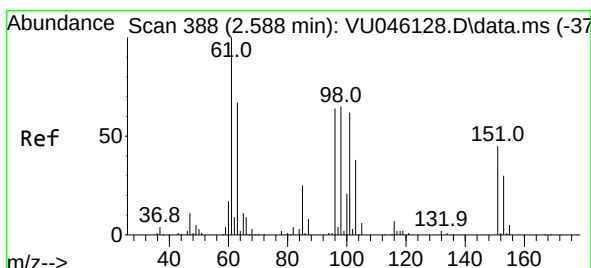
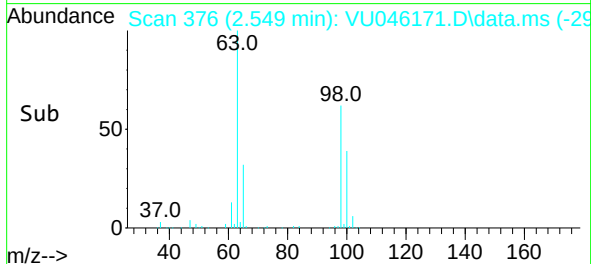
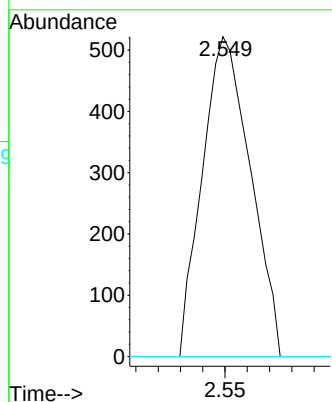


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.557 ug/L
 RT: 2.549 min Scan# 31
 Delta R.T. -0.039 min
 Lab File: VU046171.D
 Acq: 08 Dec 2021 13:36

Instrument :
 MSVOA_U
 ClientSampleId :

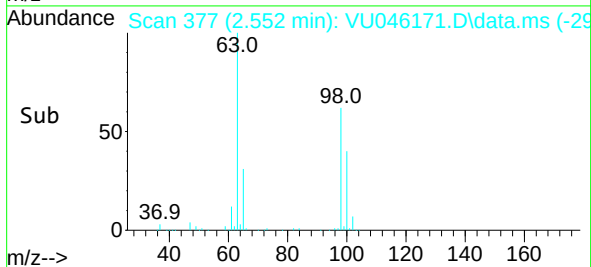
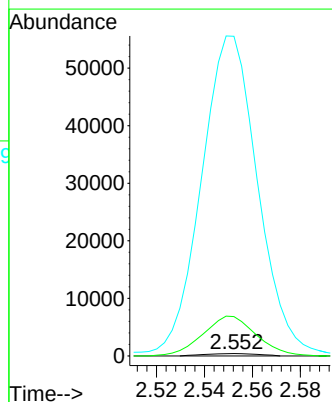
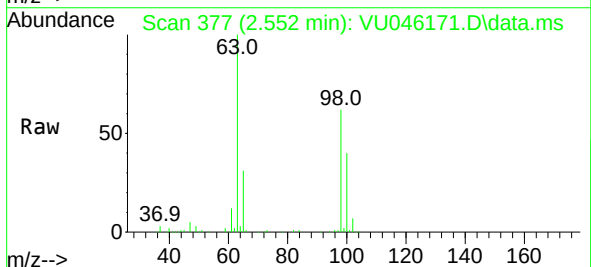


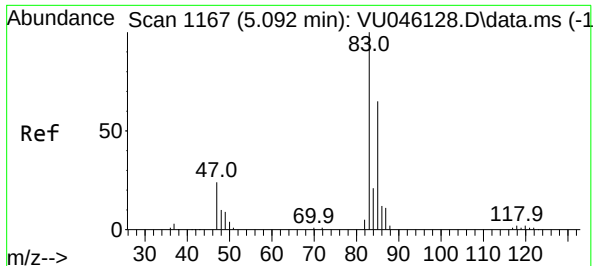
Tgt Ion:101 Resp: 782
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.488 ug/L
 RT: 2.552 min Scan# 377
 Delta R.T. -0.032 min
 Lab File: VU046171.D
 Acq: 08 Dec 2021 13:36

Tgt Ion: 96 Resp: 652
 Ion Ratio Lower Upper
 96 100
 61 1657.5 118.6 220.2#
 63 13481.6 93.0 172.8#





#25

Chloroform

Concen: 8.929 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046171.D

Acq: 08 Dec 2021 13:36

Instrument :

MSVOA_U

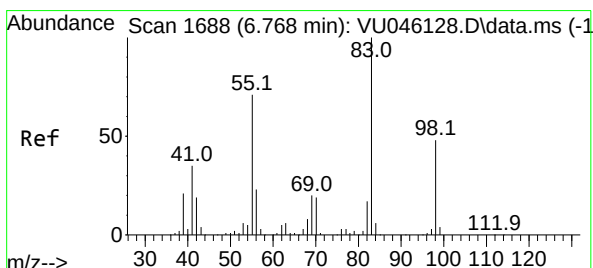
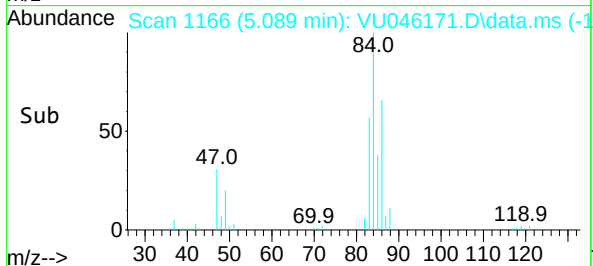
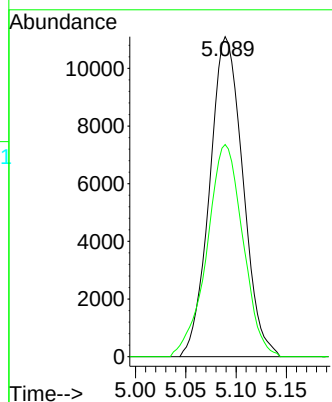
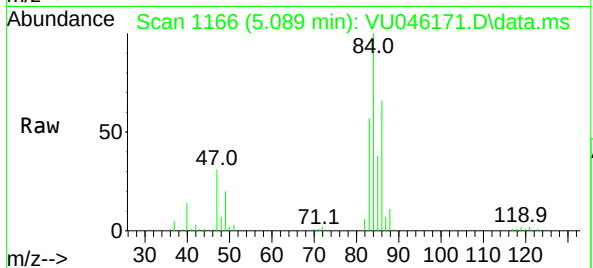
ClientSampleId :

Tgt Ion: 83 Resp: 25485

Ion Ratio Lower Upper

83 100

85 66.3 45.8 85.2



#35

Methylcyclohexane

Concen: 11.429 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046171.D

Acq: 08 Dec 2021 13:36

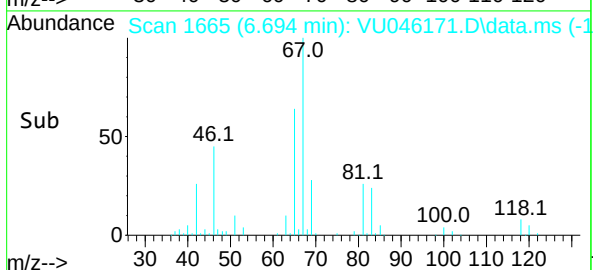
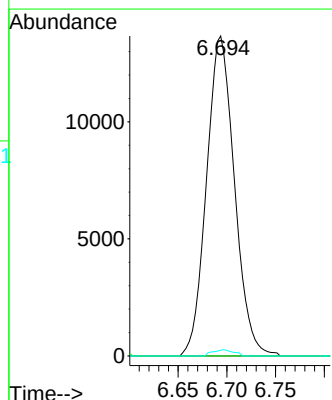
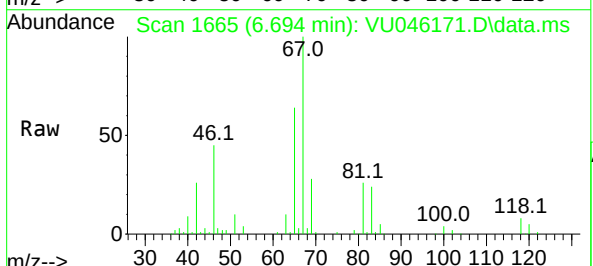
Tgt Ion: 83 Resp: 27273

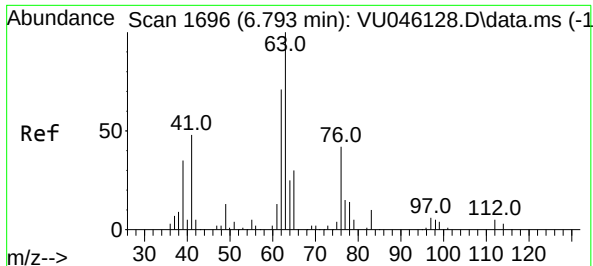
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 1.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 7.982 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046171.D

Acq: 08 Dec 2021 13:36

Instrument :

MSVOA_U

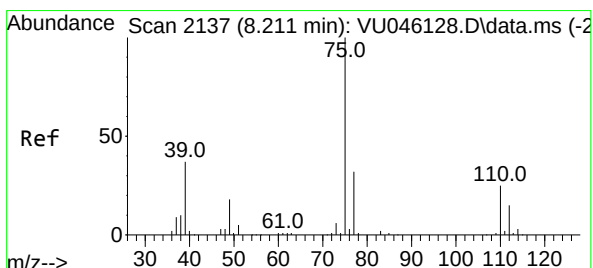
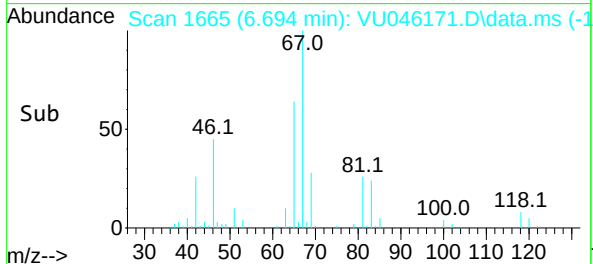
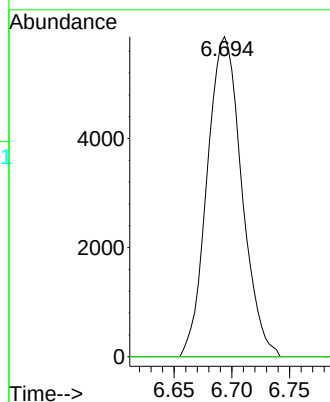
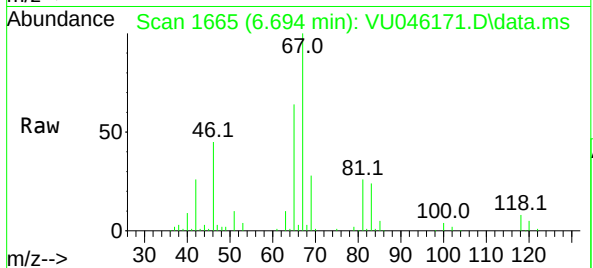
ClientSampleId :

Tgt Ion: 63 Resp: 12215

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#44

trans-1,3-Dichloropropene

Concen: 1.095 ug/L

RT: 8.185 min Scan# 2129

Delta R.T. -0.029 min

Lab File: VU046171.D

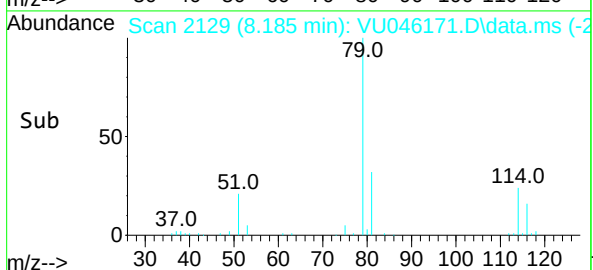
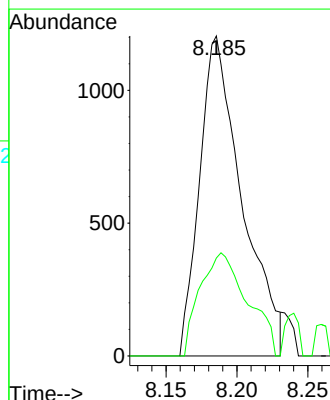
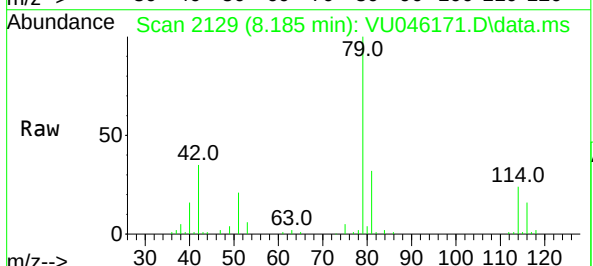
Acq: 08 Dec 2021 13:36

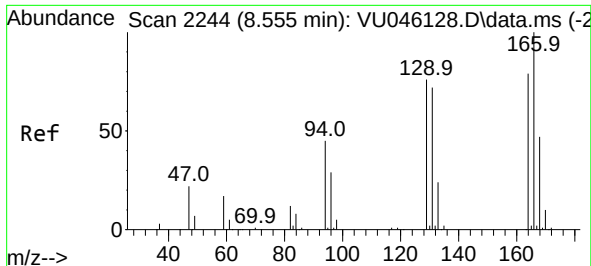
Tgt Ion: 75 Resp: 2503

Ion Ratio Lower Upper

75 100

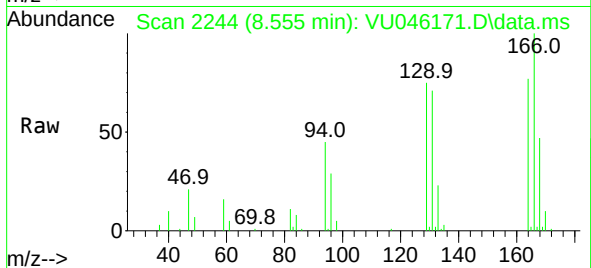
77 30.6 21.7 40.3



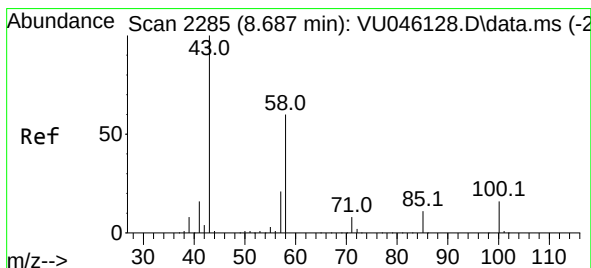
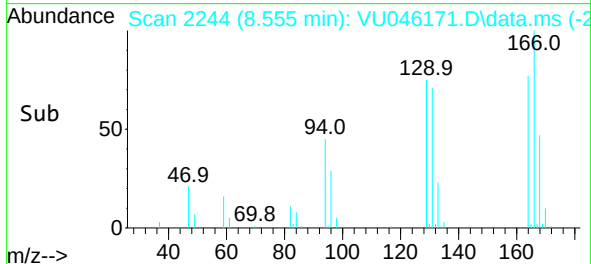
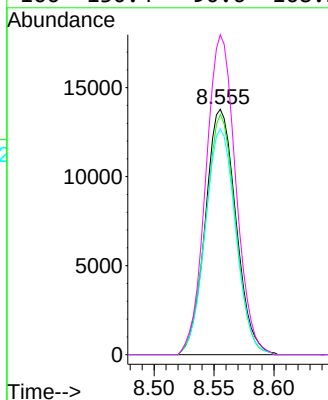


#46
Tetrachloroethene
Concen: 21.706 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046171.D
Acq: 08 Dec 2021 13:36

Instrument :
MSVOA_U
ClientSampleId :

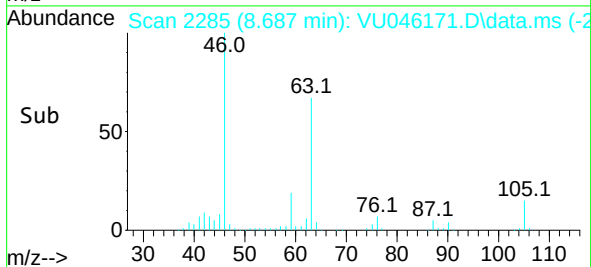
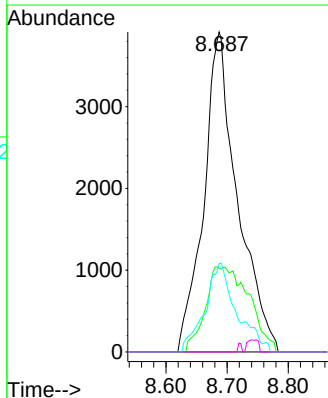
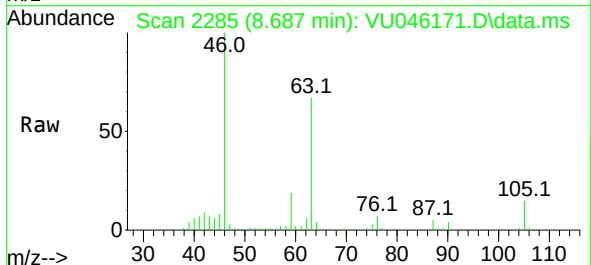


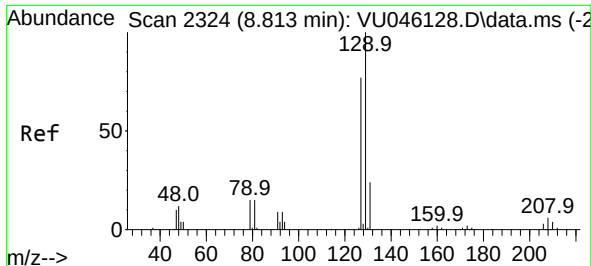
Tgt Ion:164 Resp: 24548
Ion Ratio Lower Upper
164 100
129 97.9 71.1 132.1
131 92.1 67.8 126.0
166 130.4 90.6 168.2



#48
2-Hexanone
Concen: 7.431 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU046171.D
Acq: 08 Dec 2021 13:36

Tgt Ion: 43 Resp: 14942
Ion Ratio Lower Upper
43 100
58 13.1 47.4 71.2#
57 22.0 16.6 25.0
100 0.3 11.4 17.2#





#49

Dibromochloromethane

Concen: 14.500 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046171.D

Acq: 08 Dec 2021 13:36

Instrument :

MSVOA_U

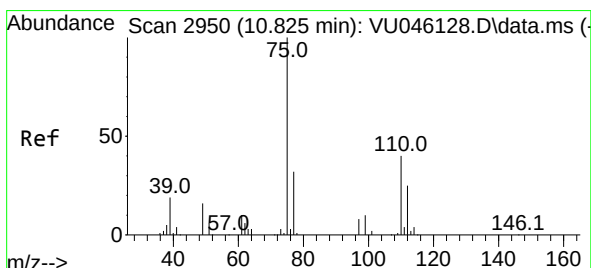
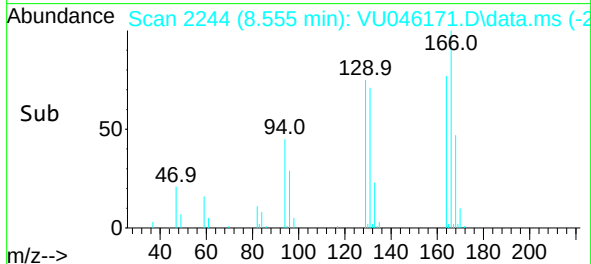
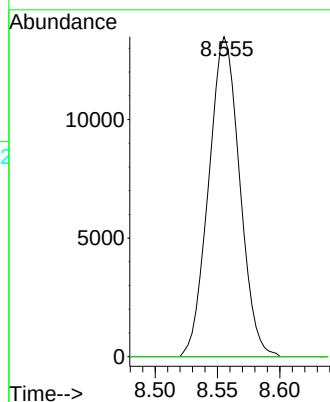
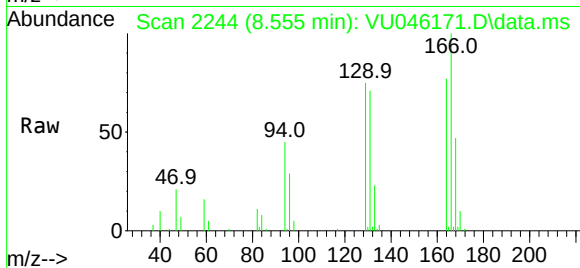
ClientSampleId :

Tgt Ion:129 Resp: 23377

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.065 ug/L

RT: 11.822 min Scan# 3260

Delta R.T. 0.997 min

Lab File: VU046171.D

Acq: 08 Dec 2021 13:36

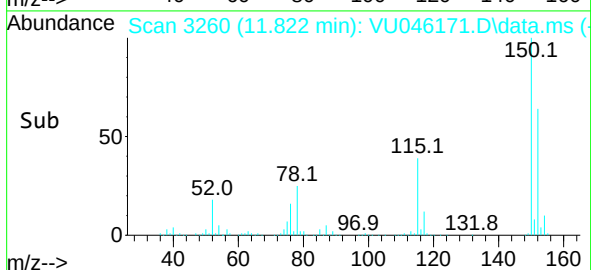
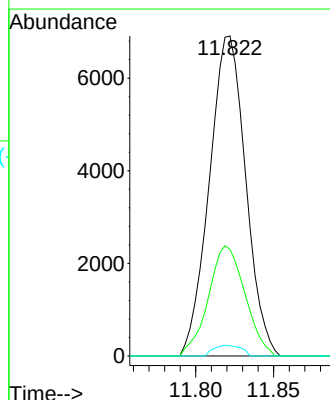
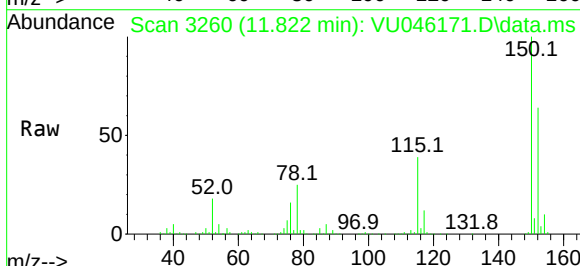
Tgt Ion: 75 Resp: 11216

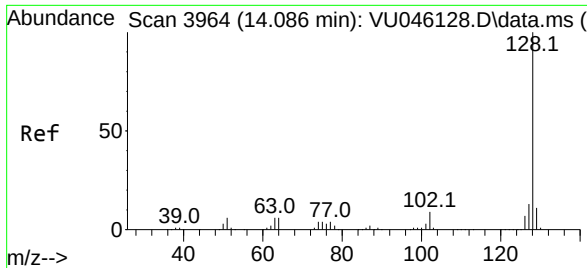
Ion Ratio Lower Upper

75 100

77 34.6 26.4 39.6

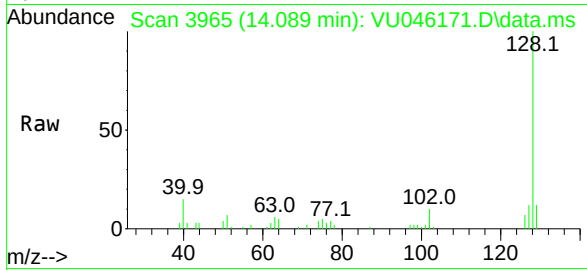
110 2.5 32.4 48.6#





#71
Naphthalene
Concen: 1.962 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046171.D
Acq: 08 Dec 2021 13:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 13784
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.9 8.6 13.0

